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— 国際調査報告書

2 文字コード及び他の略語については、定期発行される各 PCT ガゼットの巻頭に掲載されている「コードと略語のガイダンスノート」を参照。

(54) Title: POROUS MEMBRANE

(54) 発明の名称: 多孔質膜

(57) Abstract: A polyamide having an equilibrium water absorption of 10% or lower is used as the main raw material. An example of the polyamide having an equilibrium water absorption of 10% or lower is a polyamide obtained from a dicarboxylic acid ingredient comprising 60 to 100 mol% terephthalic acid and a diamine ingredient comprising 60 to 100 mol% 1,9-nonanediamine and/or 2-methyl-1,8-octanediamine. Due to the use of the polyamide, a porous membrane is obtained which undergoes an extremely small dimensional change even through hot-water treatment and is useful especially as, e.g., a medical separation membrane capable of AC sterilization.

(57) 要約: 平衡吸水率が 10% 以下のポリアミドを主たる素材として使用する。平衡吸水率が 10% 以下のポリアミドとしては、例えば、60~100 モル% がテレフタル酸であるジカルボン酸成分と、60~100 モル% が 1,9-ノナンジアミンおよび/または 2-メチル-1,8-オクタンジアミンであるジアミン成分とからなるポリアミドを使用する。これによって、熱水処理においても寸法変化が極めて小さく、特に A/C 滅菌処理可能な医療用分離膜等として有用である多孔質膜が得られる。

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# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/JP03/08758

## A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl<sup>7</sup> A61M1/16

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl<sup>7</sup> A61M1/02-1/36, A61J1/00, B01D61/00-69/08, C08J5/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

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Kokai Jitsuyo Shinan Koho	1971-2003	Jitsuyo Shinan Toroku Koho	1996-2003

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y	JP 2001-328681 A (Mitsubishi Chemical Corp.), 27 November, 2001 (27.11.01), Full text (Family: none)	1-3, 5-10 4, 11-14
X Y	JP 2000-186141 A (Kuraray Co., Ltd.), 04 July, 2000 (04.07.00), Full text (Family: none)	1-3, 5-10 4, 11-14
X Y	JP 2000-178368 A (Kuraray Co., Ltd.), 27 June, 2000 (27.06.00), Full text (Family: none)	1-3, 5-10 4, 11-14

☒ Further documents are listed in the continuation of Box C. ☐ See patent family annex.

* Special categories of cited documents:	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier document but published on or after the international filing date	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&" document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

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## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP 2000-153134 A (Toyobo Co., Ltd.), 06 June, 2000 (06.06.00), Full text (Family: none)	4, 11-14
Y	JP 10-263375 A (Teijin Ltd.), 06 October, 1998 (06.10.98), Full text (Family: none)	11-14